



EXPRESS MAIL NO.: EV 074 516 162 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: P. ERDMANN *et al.*

Application No.: 09/450,217

Group Art Unit: 1653

Filed: November 29, 1999

Examiner: D. Lukton

For: PROCESS FOR THE TREATMENT OF  
LACTIC RAW MATERIAL

Attorney Docket No.: 88265-296

#14D 3/5/02  
18-ray

AMENDMENT AND REPLY RECEIVED

FEB 27 2002

TECH CENTER 1600/2900

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action mailed on August 23, 2001 Applicants submit the following amendments and remarks for entry into the file of this application. Applicants submit concurrently herewith: (a) a petition for extension of time for three months to and including February 23, 2002; (b) a copy of the pending claims (Appendix A); and (c) a marked copy of the amended claims (Appendix B).

In the Claims:

1. (Twice Amended) A process for the extraction of glycomacropeptide or caseinoglycomacropeptide ("GMP") from a lactic raw material comprising the steps of:  
    deionizing a lactic raw material for a time sufficient to obtain a substantially deionized lactic raw material having a pH of about 1 to 4.5 with the pH being adjusted, if necessary, to the recited range;  
    contacting the substantially deionized lactic raw material with an anionic resin having a hydrophobic matrix for a sufficient amount of time and at a sufficient temperature to remove GMP from the substantially deionized lactic raw material and to obtain a treated liquid material;  
    separating the resin from the treated liquid material; and  
    removing GMP by separating it from the resin.